Warning lights and indicators

The warning lights and indicators on the instrument cluster and center panel inform the driver of the status of the vehicle's various systems.
For the purpose of explanation, the following illustration displays all warning lights and indicators illuminated.

◆ Instrument cluster

The units used on the speedometer and some indicators may differ depending on the target region.

◆ Center panel

Warning lights

Warning lights inform the driver of malfunctions in the indicated vehicle's systems.

Light	Description	Light	Description
BRAKE *1 (U.S.A.)	Brake system warning light (→P. 711)	AFS OFF *1, 2 (if equipped)	"AFS OFF" indicator (→P. 713)
*1 (Canada)	Brake system warning light (→P. 711)	HOLD *1, 2	Brake hold operated indicator (→P. 713)
*1	Charging system warning light (→P. 712)	PARK *2 (U.S.A.)	Parking brake indicator (→ P. 713)
CHECK *1 (U.S.A.)	Malfunction indicator lamp (→P. 712)	*2 (Canada)	Parking brake indicator (→P. 713)
*1 (Canada)	Malfunction indicator lamp (→P. 712)	*1	Brake system warning light (→P. 714)
*1	SRS warning light (→P. 712)		Open door warning light (→P. 714)
ABS *1 (U.S.A.)	ABS warning light (→P. 712)		Low fuel level warning light (→P. 714)
ABS *1 (Canada)	ABS warning light (→P. 712)		Seat belt reminder light (→P. 714)
*1	Electric power steering system warning light (→P. 712)	*1	Master warning light (→P. 714)

*1, 2 "PCS" warning light (→P. 712, 726) (if equipped)

*1 Tire pressure warning light (→P. 715)

*1 Slip indicator (→P. 713)

*1: These lights turn on when the power switch is turned to ON mode to indicate that a system check is being performed. They will turn off after the hybrid system is on, or after a few seconds. There may be a malfunction in a system if the lights do not come on, or turn off. Have the vehicle inspected by your Lexus dealer.

*2: The light flashes to indicate a malfunction.

Indicators

The indicators inform the driver of the operating state of the vehicle's various systems.

Turn signal indicator (→P. 205)

(U.S.A.)
Headlight indicator (→P. 213)

(Canada)
Tail light indicator (→P. 213)

Headlight high beam indicator (→P. 214)

(if equipped)
Front fog light indicator (→P. 218)

"READY" indicator (→P. 189)

EV indicator (→P. 72)

Cruise control indicator (→P. 232, 236)

(if equipped)
Radar cruise control indicator (→P. 236)

Cruise control "SET" indicator (→P. 232, 236)

(if equipped)
LKA (Lane-Keeping Assist) indicator (→P. 251)

(if equipped)
Intuitive parking assist indicator (→P. 261)

*1
(if equipped)
"AFS OFF" indicator (→P. 215)

*1, 2
Slip indicator (→P. 291)

*1
VSC OFF indicator (→P. 291)

*1, 3
(if equipped)
"PCS" warning light (→P. 297)

(U.S.A.)
Parking brake indicator (→ P. 207)

(Canada)
Parking brake indicator (→P. 207)

*1
Brake hold standby indicator (→P. 210)

*1
Brake hold operated indicator (→P. 210)

*1
"AIR BAG ON/OFF" indicator (→P. 49)

*1: These lights turn on when the power switch is turned to ON mode to indicate that a system check is being performed. They will turn off after the hybrid system is on, or after a few seconds. There may be a malfunction in a system if the lights do not come on, or turn off. Have the vehicle inspected by your Lexus dealer.

*2: The light flashes to indicate that the system is operating.

*3: The light comes on when the system is turned off. The light flashes faster than usual to indicate that the system is operating.

CAUTION

■ **If a safety system warning light does not come on**

Should a safety system light such as the ABS and SRS warning light not come on when you start the hybrid system, this could mean that these systems are not available to help protect you in an accident, which could result in death or serious injury. Have the vehicle inspected by your Lexus dealer immediately if this occurs.

Gauges and meters

▶ When driving mode is in other than sport mode (→P. 286)

▶ When driving mode is in sport mode (→P. 286)

The units used on the speedometer may differ depending on the target region.

① Engine coolant temperature gauge

Displays the engine coolant temperature

② Hybrid System Indicator

Displays hybrid system output or regeneration level (→P. 72)

③ ECO lamp and SPORT lamp

Changes colors or brightness according to driving mode or way of driving (→P. 93)

④ Multi-information display

Presents the driver with a variety of driving-related data (→P. 94)

⑤ Speedometer

Displays the vehicle speed

⑥ Fuel gauge

Displays the quantity of fuel remaining in the tank

⑦ Shift position and shift range

Displays the selected shift position or selected shift range (→P. 199)

⑧ Odometer and trip meter display

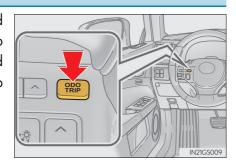
Odometer:
Displays the total distance the vehicle has been driven

Trip meter:
Displays the distance the vehicle has been driven since the meter was last reset. Trip meters "A" and "B" can be used to record and display different distances independently.

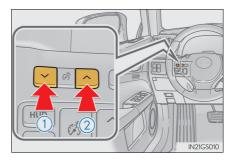
⑨ Tachometer

Displays the engine speed in revolutions per minute

Changing the display

Switches between odometer and trip meter displays. When the trip meter is displayed, pressing and holding the button will reset the trip meter.

Instrument panel light control

The brightness of the instrument panel lights can be adjusted.

1. Darker
2. Brighter

■ **The meters and display illuminate when**

The power switch is in ON mode.

■ **Instrument panel brightness adjustment**

The instrument panel brightness levels when the tail lights are on and off can be adjusted individually. However, when the surroundings are bright (daytime, etc.), turning on the tail lights will not change the instrument panel brightness. At this time, any adjustments made to the instrument panel brightness levels will be applied to both settings at once.

■ **Limitation of brightness adjustment**

The brightness of the instrument panel lights is automatically adjusted based on the light sensor detecting how bright the surroundings are. However, if the instrument panel brightness has been manually set to either the brightest or darkest setting, the automatic adjustment will not be performed.

■ **Hybrid System Indicator**

① Charge area

Shows regenerative charging.

② Hybrid Eco area

Shows that gasoline engine power is not being used very often.

The gasoline engine will automatically stop and restart under various conditions.

③ Eco area

Shows that the vehicle is being driven in an Eco-friendly manner.

④ Power area

Shows that an Eco-friendly driving range is being exceeded (during full power driving etc.)

● Hybrid System Indicator is displayed when the driving mode is other than the sport mode.

● By keeping the indicator needle within Eco area, more Eco-friendly driving can be achieved.

● Charge area indicates regeneration* status. Regenerated energy will be used to charge the battery.

*: When used in this manual, "regeneration" refers to the conversion of energy created by the movement of the vehicle into electrical energy.

■ECO lamp and SPORT lamp

- When sport mode is selected, SPORT lamp (red) will illuminate.
- When all of the following conditions are satisfied and Eco-friendly driving, ECO lamp (blue) will illuminate. (ECO lamp will become brighter the more Eco-friendly driving you perform. Also, while the vehicle is stopped or the acceleration exceeds Zone of Eco driving, ECO lamp turns off. (→P. 92) However, when Eco drive mode is selected, while the vehicle is stopped or the acceleration exceeds Zone of Eco driving, ECO lamp does not turn off.):
  - Driving with the shift lever in D
  - Paddle shift switch is not operated.
  - Either normal mode or Eco drive mode is selected.
  - The vehicle speed is approximately 80 mph (130 km/h) or below.

■Tachometer

Hybrid System Indicator switches to the tachometer when driving mode is in sport mode.

■Engine speed

On hybrid vehicles, engine speed is precisely controlled in order to help improve fuel efficiency and reduce exhaust emissions etc.
There are times when the engine speed that is displayed may differ even when vehicle operation and driving conditions are the same.

■Customization

Settings (e.g. on/off operation of ECO lamp) can be changed.
(Customizable features →P. 807)

⚠ NOTICE

■To prevent damage to the engine and its components

- Do not let the indicator needle of the tachometer enter the red zone, which indicates the maximum engine speed.
- The engine may be overheating if the engine coolant temperature gauge is in the red zone (H). In this case, immediately stop the vehicle in a safe place, and check the engine after it has cooled completely. (→P. 774)

Multi-information display

Display contents

The multi-information display presents the driver with a variety of driving-related data including the current outside air temperature.

IN21GS105Ua

● Energy monitor (→P. 110)

● Outside temperature display (→P. 95)

● Trip information (→P. 95)

Displays driving range, fuel consumption and other cruising related information

● Tire inflation pressure (if equipped) (→P. 661)

● Drive monitor (→P. 97)

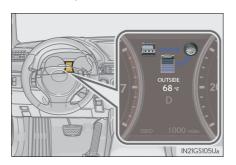
● Intuitive parking assist display* (if equipped) (→P. 263)

● Dynamic radar cruise control display* (if equipped) (→P. 236)

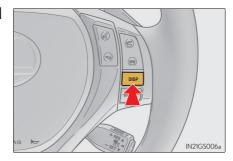
● LKA (Lane-Keeping Assist) display* (if equipped) (→P. 255)

● Warning messages (→P. 721)

Automatically displayed when a malfunction occurs in one of the vehicle's systems. Display can be switched by pressing the "DISP" button. (→P. 95)

*: Automatically displayed when the system is used. Display can be switched by pressing the "DISP" button. (→P. 95)

Trip information

■ Switching the display

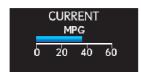
Items displayed can be switched by pressing the “DISP” button.

■ Energy monitor

→P. 110

■ Outside temperature

Displays the outside air temperature

The temperature range that can be displayed is from -40°F (-40°C) to 122°F (50°C)

■ Current fuel consumption

Displays the current rate of fuel consumption

■ Average fuel consumption after refueling

Displays the average fuel consumption since the vehicle was last refueled

Use the displayed average fuel consumption as a reference.

■ Average fuel consumption

AVERAGE
23.0 MPG

Displays the average fuel consumption since the function was reset

- The function can be reset by pressing the “DISP” button for longer than 1 second when the average fuel consumption is displayed.
- Use the displayed average fuel consumption as a reference.

■ Average vehicle speed

AVERAGE SPEED
25 MPH

Displays the average vehicle speed since the function was reset

The function can be reset by pressing the “DISP” button for longer than 1 second when the average vehicle speed is displayed.

■ Driving range

CRUISING RANGE
125 miles

Displays the estimated approximate distance that can be driven with the quantity of fuel remaining

- This distance is computed based on your average fuel consumption. As a result, the actual distance that can be driven may differ from that displayed.
- When only a small amount of fuel is added to the tank, the display may not be updated.
  When refueling, turn the power switch off. If the vehicle is refueled without turning the power switch off, the display may not be updated.

Tire inflation pressure (if equipped)

Displays inflation pressure of each tire

The inflation pressure of the spare tire will not be displayed

Drive monitor

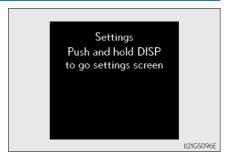
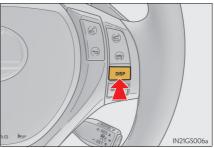
Outside temperature, average fuel consumption after refueling or driving range can be selected and displayed.

If displayed on the drive monitor, other trip information or warning messages can be displayed simultaneously.

For display and selection procedures, follow the “Setting up the displays”.

The information displayed on the drive monitor will not be displayed on the trip information screen.

Setting up the displays

1. While the vehicle is stopped, press the “DISP” button until the “Settings” screen appears.

2. Press and hold the “DISP” button until the screen changes.

3. Press and hold the “DISP” button after selecting the desired setting item by pressing the “DISP” button.

4 Press and hold the “DISP” button after selecting the desired setting by pressing the “DISP” button.

The display goes back to step 3.

5 Press and hold the “DISP” button after selecting the “EXIT” by pressing the “DISP” button.

The display goes back to step 1.
(The display goes back to step 1 automatically in few seconds without proceeding step 5.)

Item Selection:
Briefly press DISP
switch to select;
Press and hold to set
EV driving Indicator
Default settings
EXIT

II21GS114E

■ **System check display**

After turning the power switch to ON mode, “SYSTEM CHECK” is displayed while system operation is checked.

■ **Outside temperature display**

In the following situations, the correct outside temperature may not be displayed, or the display may take longer than normal to change.

- When stopped, or driving at low speeds (less than 12 mph [20 km/h])
- When the outside temperature has changed suddenly (at the entrance/exit of a garage, tunnel, etc.)

■ **Setting display automatic cancelation**

In the following situations, setting display in which the settings can be changed through the “DISP” button will automatically be turned off.

- When a warning message appears while the setting display is displayed
- When the vehicle begins to move while the setting display is displayed

■ **Tire inflation pressure (if equipped)**

- It may take a few minutes to display the tire inflation pressure after the power switch is turned to ON mode. It may also take a few minutes to display the tire inflation pressure after inflation pressure has been adjusted.
- “---” may be displayed if the tire information cannot be determined due to unfavorable radio wave conditions.
- Tire inflation pressure changes with temperature. The displayed values may also be different from the values measured using a tire pressure gauge.

■ **Liquid crystal display**

Small spots or light spots may appear on the display. This phenomenon is characteristic of liquid crystal displays, and there is no problem continuing to use the display.

■ **Customization**

Setting of available languages can be changed. (Customizable features →P. 807)

CAUTION

The information display at low temperatures

Allow the interior of the vehicle to warm up before using the liquid crystal information display. At extremely low temperatures, the information display monitor may respond slowly, and display changes may be delayed.
For example, there is a lag between the driver's shifting and the new gear number appearing on the display. This lag could cause the driver to downshift again, causing rapid and excessive engine braking and possibly an accident resulting in death or injury.

Cautions during setting up the display

As the hybrid system needs to be operating during setting up the display, ensure that the vehicle is parked in a place with adequate ventilation. In a closed area such as a garage, exhaust gases including harmful carbon monoxide (CO) may collect and enter the vehicle. This may lead to death or a serious health hazard.

NOTICE

During setting up the display

To prevent 12-volt battery discharge, ensure that the hybrid system is operating while setting up the display features.

Head-up display*

Summary of functions

The head-up display can be used to project vehicle speed and other information onto the windshield.

① Head-up display

Display brightness will change automatically according to the brightness of the surrounding area.

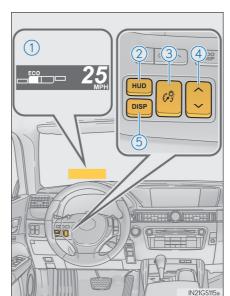
② "HUD" button

③ Display brightness adjustment switch

Display brightness can be adjusted to the desired level.

④ Display position adjustment switch

⑤ "DISP" button

*: If equipped

Head-up display contents

- Vehicle speed
- Hybrid System Indicator (→P. 106)
- Tachometer
- Shift position and shift range

  Displays the selected shift position or selected shift range (→P. 199)
- Audio display

  Displays audio information for approximately 3 seconds when the audio system is operated
- Route guidance display (vehicles with navigation system) (→P. 107)

  When approaching an intersection while the navigation system is giving route guidance, an arrow will automatically be displayed to indicate the direction of travel.
- Lane departure warning display (LKA [Lane-Keeping Assist]) (if equipped) (→P. 736)
- Approach warning display (dynamic radar cruise control) (if equipped) (→P. 735)
- Pre-collision braking warning message (pre-collision system) (if equipped) (→P. 723)

Switching the head-up display

■ "HUD" button

Pressing the switch turns the head-up display on/off and changes the vehicle speed display units as follows:

▶ U.S.A.

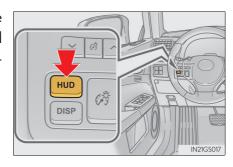
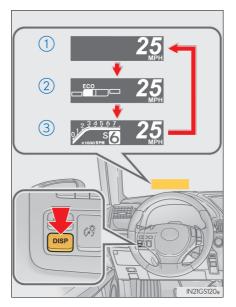
OFF → ON (MPH) → ON (km/h) → OFF

▶ Canada

OFF → ON (km/h) → ON (MPH) → OFF

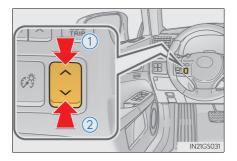
■ "DISP" button

Pressing the button changes the display items (except vehicle speed).

1. Off
2. Hybrid System Indicator
3. Tachometer

Making the display easier to see

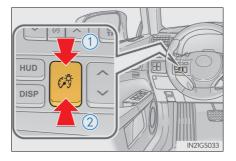
■ Adjusting the display position

① Higher

② Lower

■ Setting the brightness

The brightness of the display is automatically adjusted in accordance with the brightness of the surrounding environment. However, the brightness can also be manually adjusted in 9 stages.

① Brighter

② Darker

Hybrid System Indicator

① Charge area

Shows regenerative charging.

② Hybrid Eco area

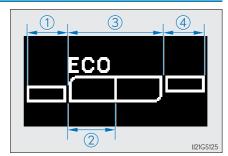
Shows that gasoline engine power is not being used very often.

The gasoline engine will automatically stop and restart under various conditions.

③ Eco area

Shows that the vehicle is being driven in an Eco-friendly manner.

④ Power area

Shows that an Eco-friendly driving range is being exceeded (during full power driving etc.)

Route guidance display (vehicles with navigation system)

When the vehicle approaches an intersection, the direction the vehicle should go is guided by the arrow. When the vehicle approaches an intersection, the route guidance will start and the distance* to the intersection will also be displayed.

*: The distance decreases in increments of 164 ft. (50 m) and the distance indication will disappear when the vehicle passes through the intersection.

Display customization

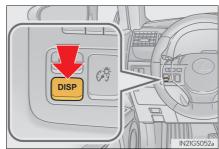
The audio display can be shown or hidden.

1. Press and hold the "DISP" button until the screen changes.

   Customization can be performed when the head-up display is on and the vehicle is traveling at less than 5 mph (8 km/h).

2. Press the "DISP" button to switch between on and off.

   On and off will be switched between each time the button is pressed.

   If the button is left alone without being operated for a short time, setting will be finished automatically.

Head-up display

- The head-up display may seem dark and hard to see when viewed through sunglasses, especially polarized sunglasses.
  Adjust the brightness of the head-up display or remove your sunglasses.
- When the head-up display is turned off, it will remain off even if the power switch is turned to ON mode after the power switch has been turned off.

When the 12-volt battery is disconnected

The customize settings of the head-up display will be reset.

CAUTION

Before using the head-up display

Check that the position and brightness of the head-up display image does not interfere with safe driving. Incorrect adjustment of the image's position or brightness may obstruct the driver's view and lead to an accident, resulting in death or serious injury.

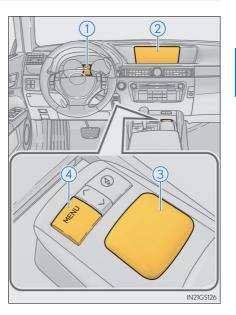
NOTICE

To prevent damage to components

- Do not place any drinks near the head-up display projector. If the projector gets wet, electrical malfunctions may result.
- Do not place anything on or put stickers onto the head-up display projector.
  Doing so could interrupt head-up display indications.
- Do not touch the inside of the head-up display projector or thrust sharp edges or the like into the projector.
  Doing so could cause mechanical malfunctions.

Energy monitor/consumption screen

You can view the status of your hybrid system on the multi-information display and the Remote Touch screen.

1. Multi-information display
2. Remote Touch screen
3. Remote Touch knob
4. “MENU” button

Energy monitor

■ Remote Touch screen

▶ Vehicles without a navigation system

1 Press the "MENU" button on the Remote Touch.

2 Select "Info" on the "Menu" screen.

If the "Trip Information" or "Past Record" screen is displayed, select "Energy".

▶ Vehicles with a navigation system

1 Press the "MENU" button on the Remote Touch.

2 Select "Info/Apps" on the "Menu" screen.

3 Select "Fuel Consumption" on the "Information" screen.

If the "Trip Information" or "Past Record" screen is displayed, select "Energy".

The "Energy Monitor" screen can be displayed on the "Side Display". For details, refer to the "Navigation System Owner's Manual".

■ Multi-information display

Press the "DISP" button on the steering wheel several times to select the energy monitor display.

	Remote Touch screen	Multi-information display
When the vehicle is powered by the electric motor (traction motor)	Energy Monitor ENGINE ELECTRIC MOTOR BATTERY Fuel Consumption II21GS136U	
When the vehicle is powered by both the gasoline engine and the electric motor (traction motor)	Energy Monitor ENGINE ELECTRIC MOTOR BATTERY Fuel Consumption II21GS138U	
When the vehicle is powered by the gasoline engine	Energy Monitor ENGINE ELECTRIC MOTOR BATTERY Fuel Consumption II21GS137U	
When the vehicle is charging the hybrid battery (traction battery)	Energy Monitor ENGINE ELECTRIC MOTOR BATTERY Fuel Consumption II21GS139U	
	Energy Monitor ENGINE ELECTRIC MOTOR BATTERY Fuel Consumption II21GS140U	
When there is no energy flow	Energy Monitor ENGINE ELECTRIC MOTOR BATTERY Fuel Consumption II21GS141U	
Hybrid battery (traction battery) status	Low ↔ Full	Low ↔ Full

These images are examples only, and may vary slightly from actual conditions.

Consumption

Vehicles with a navigation system: The consumption screen can be displayed on the “Side Display”. For details, refer to the “Navigation System Owner’s Manual”.

▶ Vehicles without a navigation system

1. Press the “MENU” button on the Remote Touch, then select “Info” on the “Menu” screen.
2. If the “Energy Monitor” screen is displayed, select “Fuel Consumption”.

▶ Vehicles with a navigation system

1. Press the “MENU” button on the Remote Touch, then select “Info/Apps” on the “Menu” screen.
2. Select “Fuel Consumption” on the “Information” screen.
3. If the “Energy Monitor” screen is displayed, select “Fuel Consumption”.

■ Trip information

If the “Past Record” screen is displayed, select “Trip Information”.

① Resetting the consumption data

② Fuel consumption in the past 15 minutes

③ Regenerated energy in the past 15 minutes

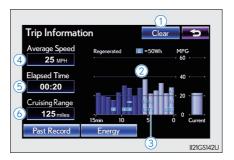
One symbol indicates 50 Wh. Up to 5 symbols are shown.

④ Displays the average vehicle speed since the hybrid system was started.

⑤ Displays the elapsed time since the hybrid system was started.

⑥ Cruising range (→P. 115)

Average fuel consumption for the past 15 minutes is divided by color into past averages and averages attained since the power switch was last turned to ON mode. Use the displayed average fuel consumption as a reference.

The image is an example only, and may vary slightly from actual conditions.

■ Past record

If the "Trip Information" screen is displayed, select "Past Record".

① Updating the average fuel consumption data

② Resetting the past record data

③ Best recorded fuel consumption

④ Average fuel consumption

⑤ Previous fuel consumption record

The average fuel consumption history is divided by color into past averages and the average fuel consumption since the last updated. Use the displayed average fuel consumption as a reference.

The image is an example only, and may vary slightly from actual conditions.

■ Updating the past record data

Update the average fuel consumption by selecting "Update" to measure the current fuel consumption again.

■ Resetting the data

The fuel consumption data can be deleted by selecting "Clear".

■ Cruising range

Displays the estimated maximum distance that can be driven with the quantity of fuel remaining.

This distance is computed based on your average fuel consumption.
As a result, the actual distance that can be driven may differ from that displayed.